

Automatic Chemical Agent Detector/Alarm (ACADA)



MISSION

Detect nerve and blister chemical agents.

DESCRIPTION AND SPECIFICATIONS

The Automatic Chemical Agent Detector/Alarm (ACADA) is an advanced point-sampling, chemical-agent alarm system. It will be used by Army, Navy, Air Force, and Marine Corps units. ACADA replaces the M8A1 Alarm as an automatic point detector and augments the Improved Chemical Agent Monitor (ICAM) as a survey instrument. It can communicate its warning automatically, using the Multiple Integrated Chemical Agent Alarm, to communicate with battlefield data transfer and warning systems. ACADA does not require a specific military operator.

Weight: 24 lb (complete w/carry case, battery pack and M42 remote alarm)

Size: 7 x 7 x 14" detector and battery box (14 lb)

Detection Capability: Nerve and blister agents

Battery Life: Approximately 15 hours at 70°F

FOREIGN COUNTERPART

Finland: M90-D1 Detector

FOREIGN MILITARY SALES

None

PROGRAM STATUS

1QFY96 Awarded contract with priced options (through FY00).

3QFY97 Type-classified standard.

4QFY98 First unit equipped to the Army.

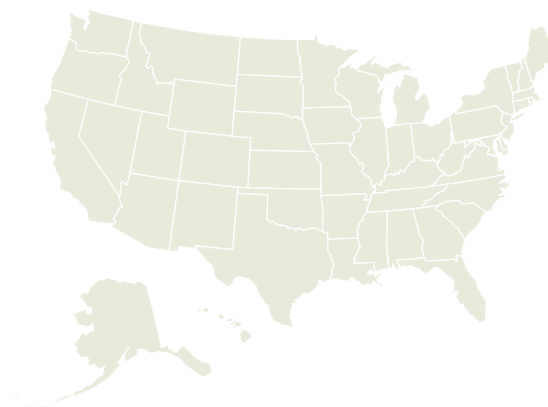
FY99 Initiated fielding to Air Force, Navy, and Marine Corps.

PROJECTED ACTIVITIES

- Continue production deliveries.
- Continue pre-planned product improvement for surface sampler to provide first-time capability to detect agents/vapor on surface at cold temperatures.

PRIME CONTRACTORS

Graseby Dynamics, LTD (Watford, U.K.)



* See appendix for list of subcontractors

